



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the form to this address.

Data Matrix

Date: July 22, 2011	EPA Reg. No./File Symbol: 69987-1	Page 1 of 3
Applicant's/Registrant's Name and Address: Botanical Resources Australia Pty Ltd. c/o RegWest Company, LLC: 8203 West 20 th St., Suite A; Greeley, CO 80634-4696	Product Name: PY-T-50 Technical Pyrethrins	
Ingredients: 50% Pyrethrins (CAS Number 8003-34-7)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
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§ 158.310: Product Chemistry Data Requirements

830.1550	Product identity and composition	443252-01	Botanical Resources	OWN	
830.1600	Description of materials used to produce the product	443252-01 480219-02	Botanical Resources Botanical Resources	OWN OWN	
830.1620	Description of production process	443252-01 480219-02	Botanical Resources Botanical Resources	OWN OWN	
830.1650	Description of formulation process				1
830.1670	Discussion of formation of impurities	443252-01	Botanical Resources	OWN	
830.1700	Preliminary analysis	480219-01	Botanical Resources	OWN	
830.1750	Certified limits	480219-01 480219-02	Botanical Resources Botanical Resources	OWN OWN	
830.1800	Enforcement analytical method	480219-09	Botanical Resources	OWN	
830.1900	Submittal of samples				2

Physical and Chemical Properties

830.6302	Color	413655-01	Botanical Resources	OWN	
830.6303	Physical state	413655-01	Botanical Resources	OWN	
830.6304	Odor	413655-01	Botanical Resources	OWN	
830.6313	Stability (normal/elevated temperatures, metals and ions)	480219-10	Botanical Resources	OWN	
830.6314	Oxidation/reduction: chemical incompatibility				3
830.6315	Flammability	478822-01	Botanical Resources	OWN	4
830.6316	Explosibility				5
830.6317	Storage stability	478822-01	Botanical Resources	OWN	4
830.6319	Miscibility	478822-01	Botanical Resources	OWN	4
830.6320	Corrosion characteristics			GAP	
830.6321	Dielectric breakdown voltage				6
830.7000	pH				7
830.7050	UV/visible light absorption	480219-10	Botanical Resources	OWN	

Signature:

Name and Title:

Kim Davis, Consultant/Agent

Date:

7/22/11



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Applicant's/Registrant's Name and Address: Botanical Resources Australia Pty Ltd.
c/o RegWest Company, LLC: 8203 West 20th St., Suite A; Greeley, CO 80634-4696

Product Name:
PY-T-50 Technical Pyrethrins

Ingredients: 50% Pyrethrins (CAS Number 8003-34-7)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
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Physical and Chemical Properties (continued)

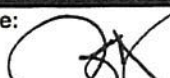
830.7100	Viscosity	478822-01	Botanical Resources	OWN	4
830.7200	Melting point/melting range				8
830.7220	Boiling point/boiling range	413655-01	Botanical Resources	OWN	
830.7300	Density/relative density/bulk density	413655-01	Botanical Resources	OWN	
830.7370	Dissociation constants in water				9
830.7520	Particle size, fiber length and diameter distribution				10
830.7550	Partition coefficient (n-octanol/water)	413655-01	Botanical Resources	OWN	11
830.7560					11
830.7570					
830.7840	Water solubility	413655-01	Botanical Resources	OWN	
830.7860		413655-01	Botanical Resources	OWN	
830.7950	Vapor pressure	413655-01	Botanical Resources	OWN	

§ 158.400: Product Performance Data Requirements

810.3100	Soil treatments for imported fire ants				11
810.3200	Livestock, poultry, fur- and wool-bearing animal treatments				11
810.3300	Treatments to control pests of humans and pets				11
810.3400	Mosquito, black fly and biting midge (sand fly) treatments				11
810.3500	Premises treatments				11
SS-1	Special study for arthropods				11

§ 158.500: Toxicology Data Requirements

870.1100	Acute oral toxicity	480219-03	Botanical Resources	OWN	
870.1200	Acute dermal toxicity	480219-05	Botanical Resources	OWN	
870.1300	Acute inhalation toxicity – rat	480219-04	Botanical Resources	OWN	
870.2400	Primary eye irritation – rabbit	480219-08	Botanical Resources	OWN	
870.2500	Primary dermal irritation	480219-07	Botanical Resources	OWN	

Signature:  Name and Title: Kim Davis, Consultant/Agent Date: 7/22/11

Data Matrix

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Product Name:
PY-T-50 Technical Pyrethrins

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
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Notes

[illegible]

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Companion animal safety

Notes	
1. N/A: Product is an MP/TGAI, produced using an integrated system	7. N/A: Product is not soluble or dispersible in water
2. Gladly submitted upon Agency request	8. N/A: Product is a liquid at room temperature
3. N/A: Product contains no redox agents	9. N/A: Product does not have acid, base or alcoholic functionality
4. Waiver request justification	10. N/A: Product is not fibrous or a water insoluble powder
5. N/A: Product contains no potentially explosive ingredients	11. N/A: Product is an MP/TGAI
6. N/A: Product is not for use in/on/around electrical equipment	

7. N/A: Product is not soluble or dispersible in water

8. N/A: Product is a liquid at room temperature

9. N/A: Product does not have acid, base or alcoholic functionality

10. N/A: Product is not fibrous or a water insoluble powder

11. N/A: Product is an MP/TGA!

1. The first step in the process of creating a new product is to identify a market need.	2. The second step is to develop a prototype of the product.
3. The third step is to conduct market research to determine if there is a demand for the product.	4. The fourth step is to develop a business plan for the product.
5. The fifth step is to secure financing for the product.	6. The sixth step is to manufacture the product.
7. The seventh step is to distribute the product.	8. The eighth step is to monitor the product's performance in the market.

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Kim Davis, Consultant/Agent

7/22/1